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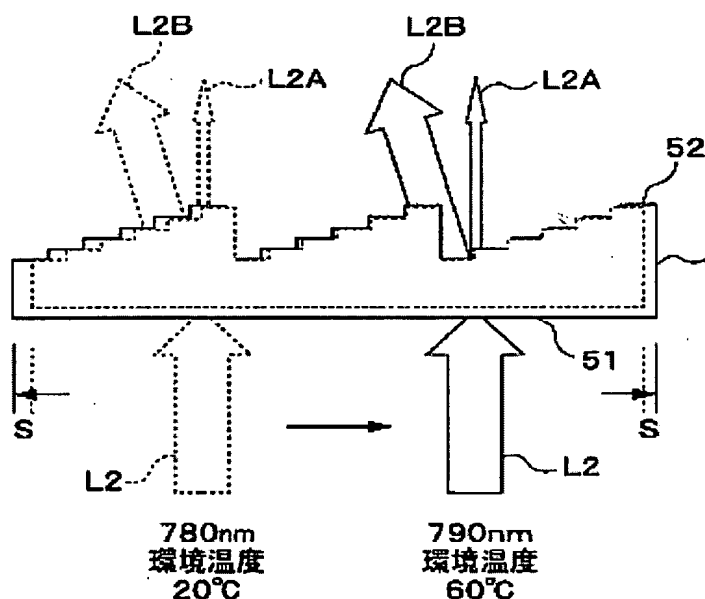
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JP-2002116314 A

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Publ. date:20020419

Diffraction element for use in optical pick-up device, is made of material having suitable coefficient of linear expansion so as to reduce variation of diffraction angle and diffraction grating pitch



**Use Advantage:**USE - Used in order to diffract the laser radiation in optical pick-up device mounted in DVD player (claimed). **ADVANTAGE** - Realizes the optical pick-up device with high performance stability, irrespective of temperature variation. **DESCRIPTION OF DRAWING(S)** - The figure shows an explanatory drawing showing the wavelength variation accompanied by the environmental temperature change. (Drawing includes non-English language text).

**Abstract:**NOVELTY - The diffraction element is formed from a material with suitable coefficient of linear expansion so as to reduce the variation of the diffraction angle originating due to wavelength variation of the laser radiation and variation

in diffraction grating pitch caused by heat deformation due to temperature change. **DETAILED DESCRIPTION** - An INDEPENDENT CLAIM is included for optical pick-up device.

**Bibliographic data:**

<b>Accession number:</b>	2002-494263
<b>Company codes:</b>	SAOB
<b>Number of pages:</b>	008pp
<b>Inventor(s):</b>	HAYASHI K TAKEDA T
<b>Patent family:</b>	JP-2002116314 A US-2002060846 A1 CN-1348176 A
<b>Derwent code(s):</b>	T03-D01C1 V07-F02B
<b>International patent classification:</b>	G02B005/18 G02B027/42 G02B027/44 G11B007/12 G11B007/135
<b>Priority details:</b>	JP2000 JP-0308180 20001006
<b>Basic update:</b>	200253

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